



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

State of Alaska Maritime Economic Activities

National Ice Center Symposium
July 14, 2015

Commissioner Chris Hladick
Alaska Department of Commerce, Community, and Economic
Development



Alaska's Arctic Overview





Alaska's Arctic Policy

Arctic Boundary as defined by the Arctic Research and Policy Act (ARPA)

All United States and foreign territory north of the Arctic Circle and all United States territory north and west of the boundary formed by the Porcupine, Yukon, and Kuskokwim Rivers; all contiguous seas, including the Arctic Ocean and the Beaufort, Bering and Chukchi Seas; and the Aleutian chain.¹



Acknowledgement: Funding for this map was provided by the National Science Foundation through the Arctic Research Mapping Application (amap.org) and Contract #0520837 to CH2M HILL for the Interagency Arctic Research Policy Committee (IARPC).

Map author: Allison Gaylord, Nuna Technologies. May 27, 2009.

1. The Aleutian chain boundary is demarcated by the 'Contiguous zone' limit of 24-nautical miles.

Source: U.S. Arctic Research Commission



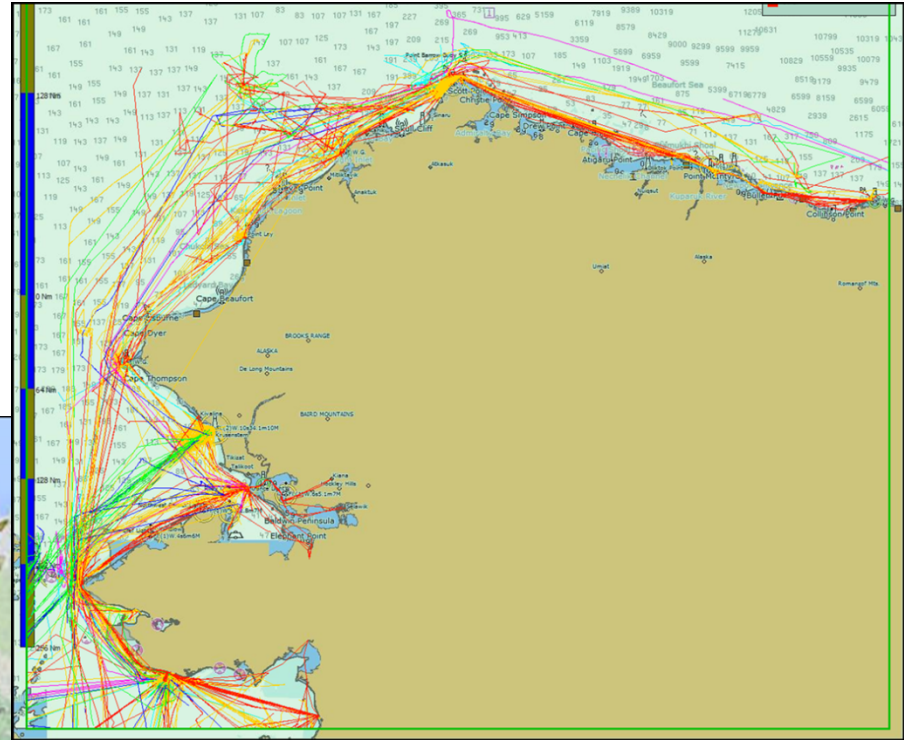
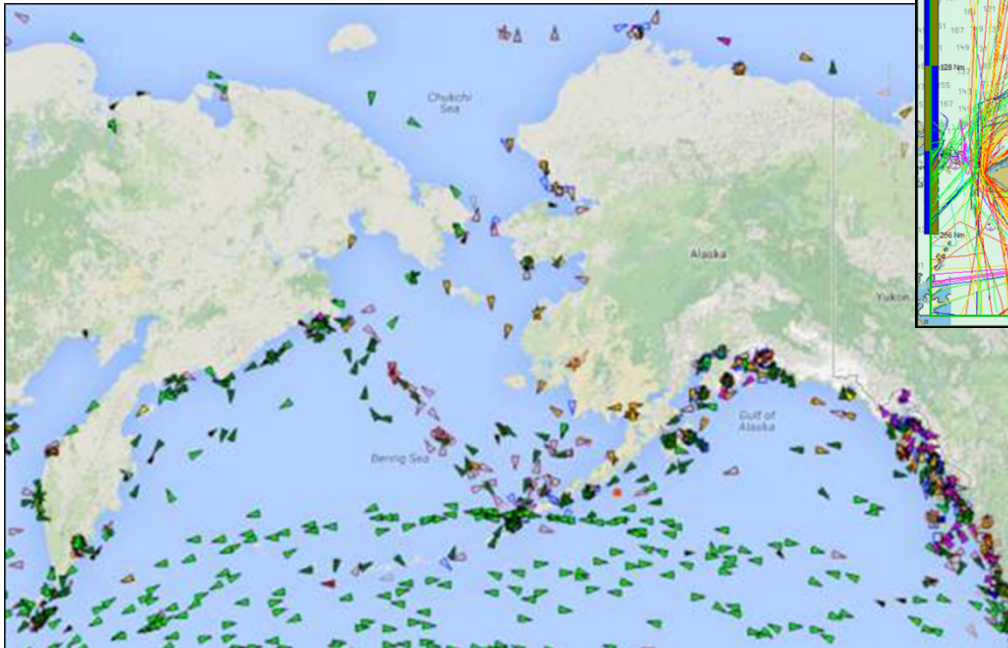
North Pacific Great Circle Route





Arctic Economic Development- AIS

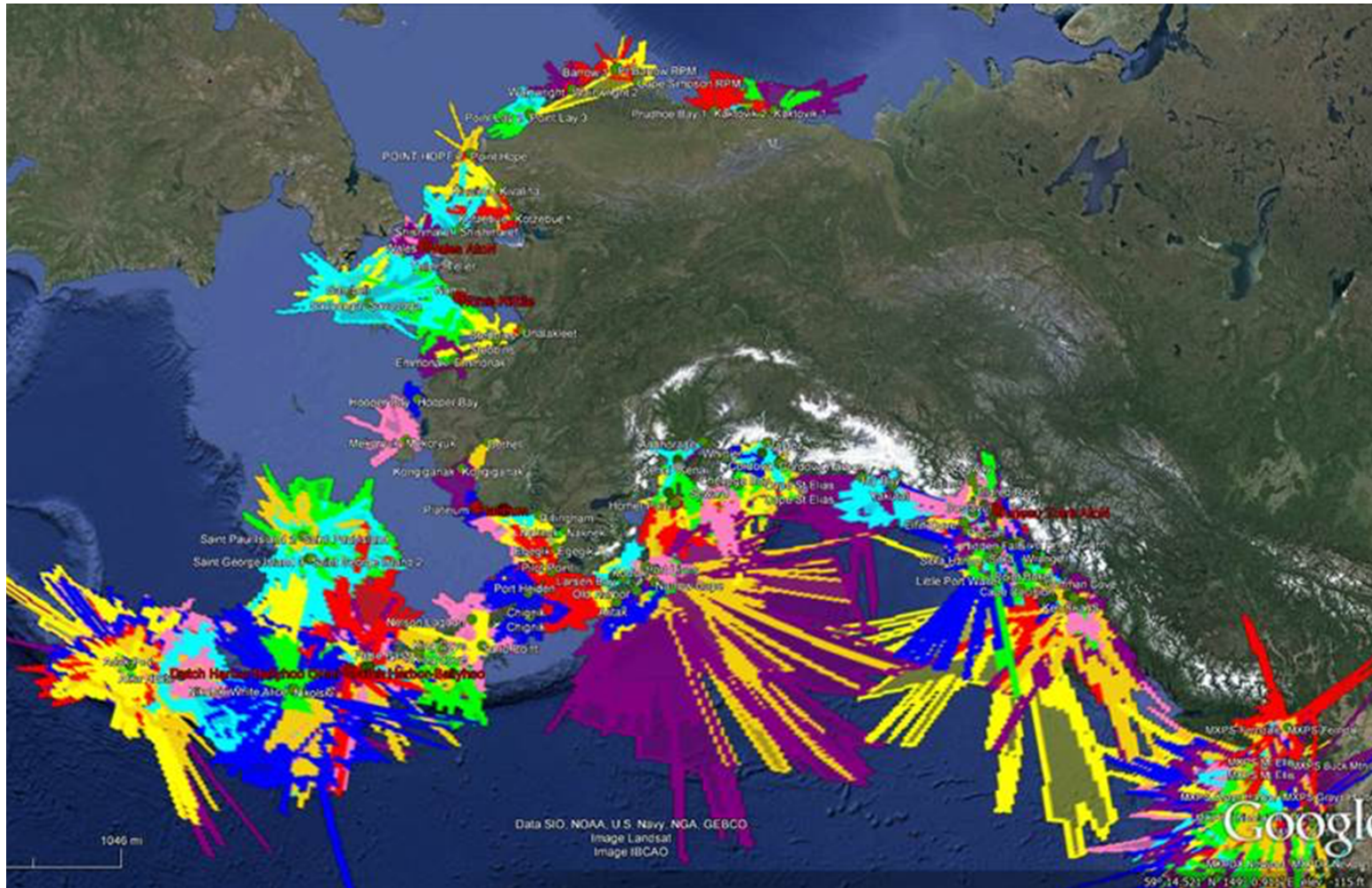
Marine Exchange of Alaska

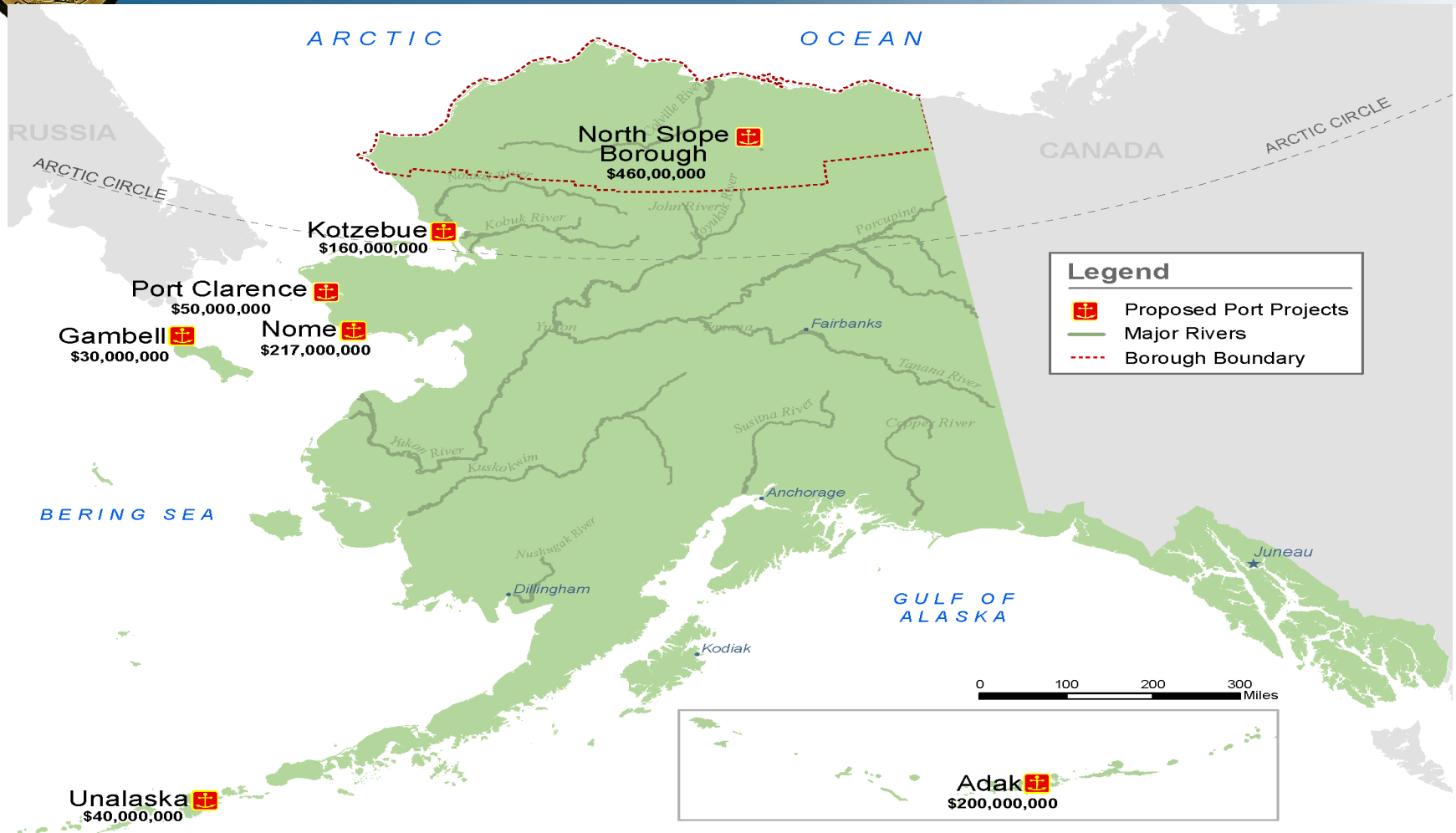






AIS Coverage in Alaska







Arctic Economic Development – Nome Port

- Army Corps of Engineers draft feasibility report Feb. 2015
- Estimated cost for expansion is \$217 million.
- Current depth of 22 feet at deepest point. The proposed plan would dredge to 28 feet. Analysis is underway for expanding to 35 foot depth.
- Extended causeway and new large vessel dock also a part of the expansion recommendations.





Arctic Mining

Red Dog



Main Pit (flooded) and Aqqaluk Pit (photo: OPMP)

Operator: Teck Alaska Inc.

Location: Approximately 82 miles north of Kotzebue on Nana Regional Corporation land

Principle minerals: Zinc and lead

Production: Opened in 1989. In 2014, approximately 4.3 millions tons of ore was milled producing 1.06 million tons of zinc concentrate and 219,000 tons of lead concentrate

2



Arctic Mining

Fort Knox



Fort Knox Pit (photo: FGMI)



Operator: Fairbanks Gold Mining Inc. (Kinross Gold Co.)

Location: Approximately 25 miles northeast of Fairbanks on state and private lands

Principle minerals: Gold

Production: Opened in 1997. In 2014, approximately 387,000 gold equivalent ounces were produced

4



Pogo



Pogo Mine (photo: Sumitomo)



Operator: Sumitomo Metal Mining Pogo LLC.

Location: Approximately 38 miles northeast of Delta Junction on state land

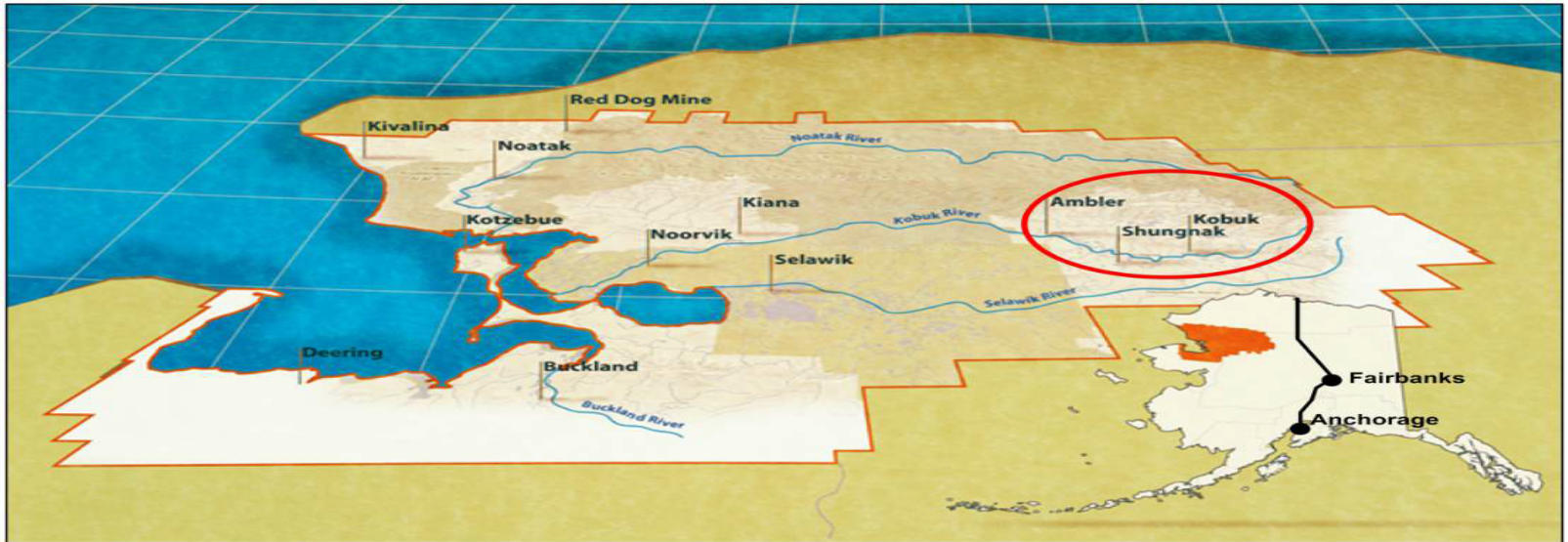
Principle minerals: Gold

Production: Opened in 2005. In 2014, approximately 972,000 tons were mined, 967,000 tons were milled, and 342,000 troy ounces of gold were produced.

6



Arctic Mining- prospects



- The Upper Kobuk Mineral Projects (Gold, Silver, Copper, Zinc) in the Ambler Mining District are still in exploratory phases.
- Graphite Creek, Bering Straits, Donlin Creek, Kuskokwim River,



Arctic Development and Funding



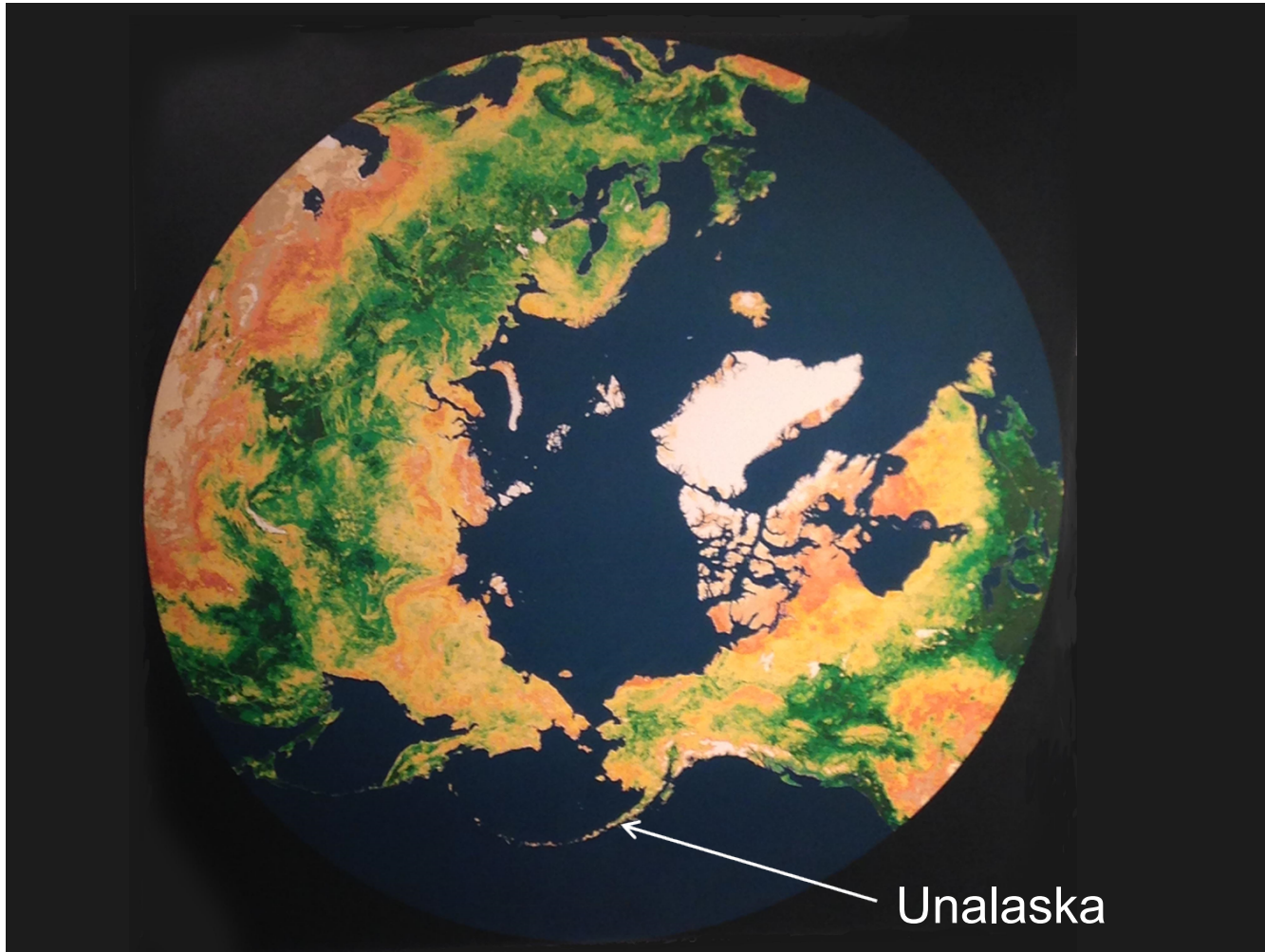


AKLNG





Unalaska – Strategic Location





Unalaska-International Port of Dutch Harbor





Arctic Maritime Activity – Safety



Deployment



Emergency Towing System Components

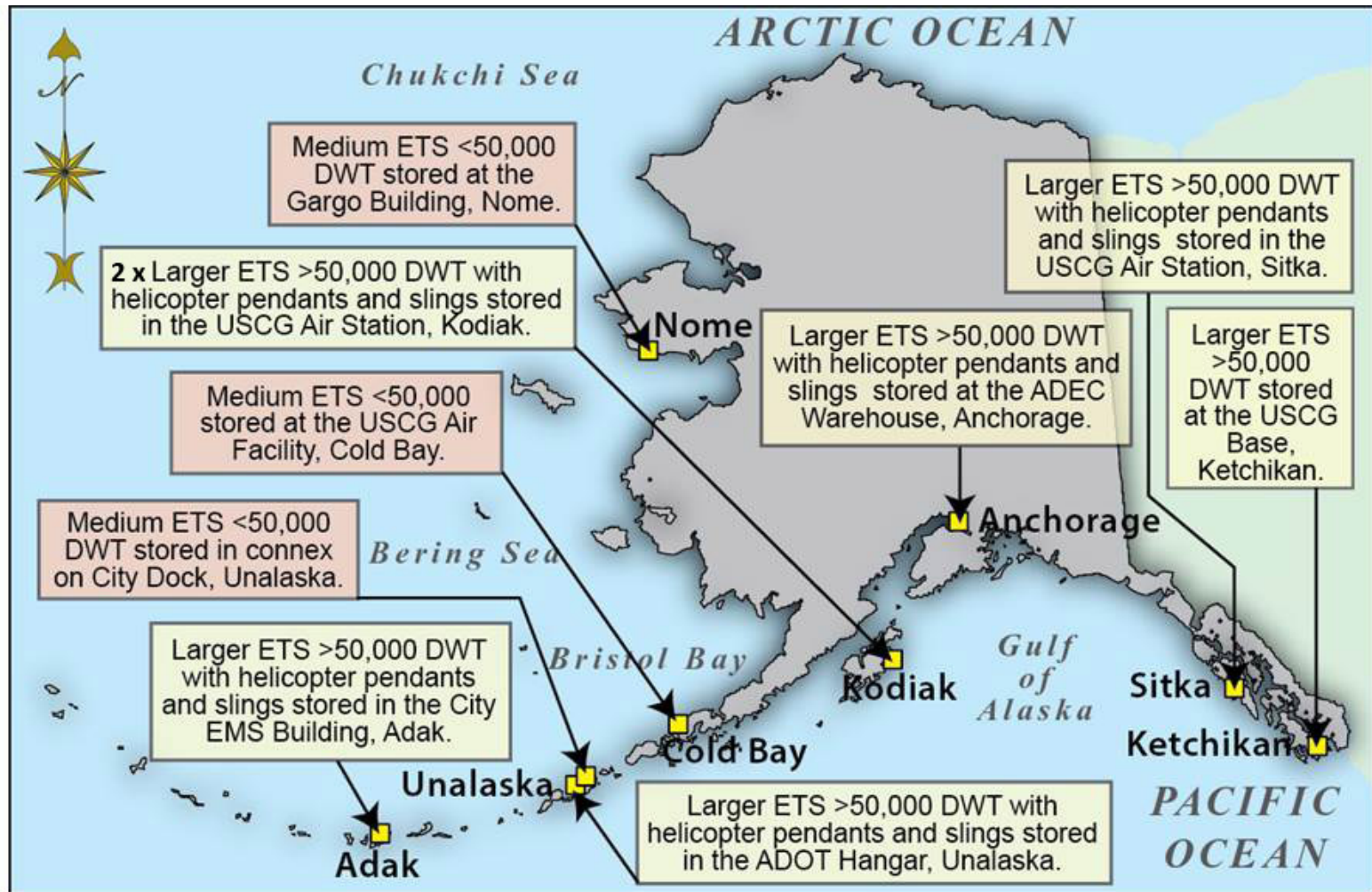


Ship Hauling





Locations of ETS today

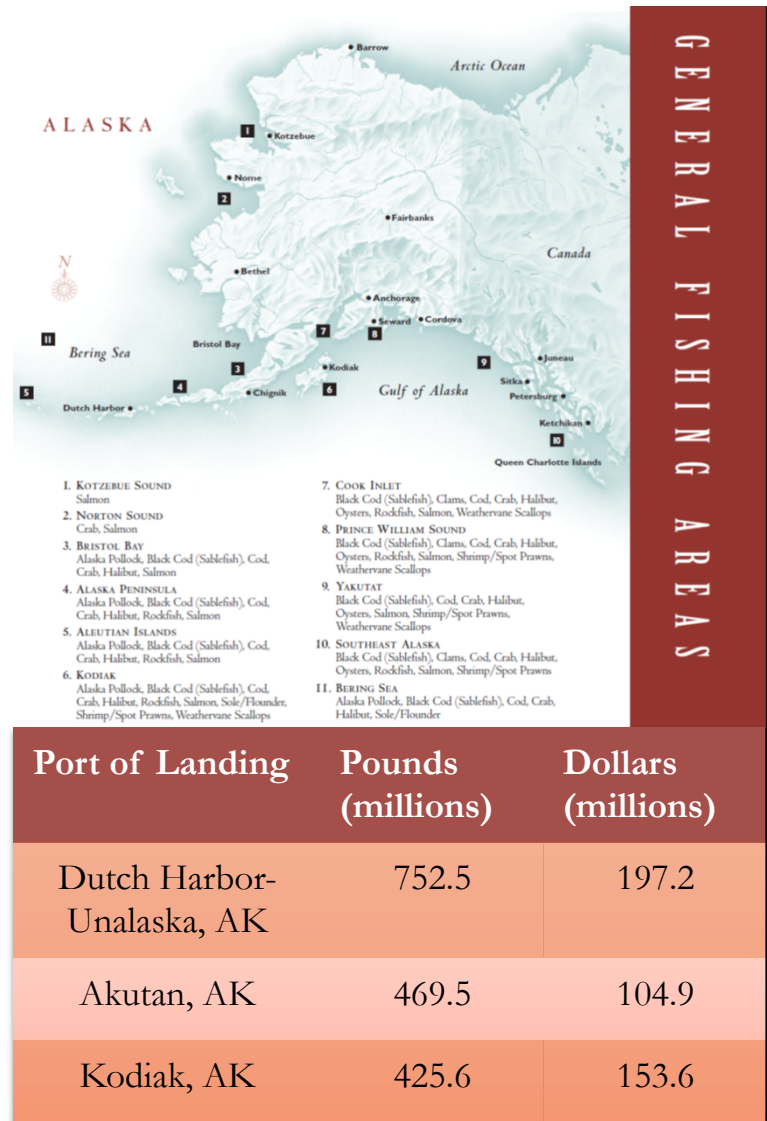
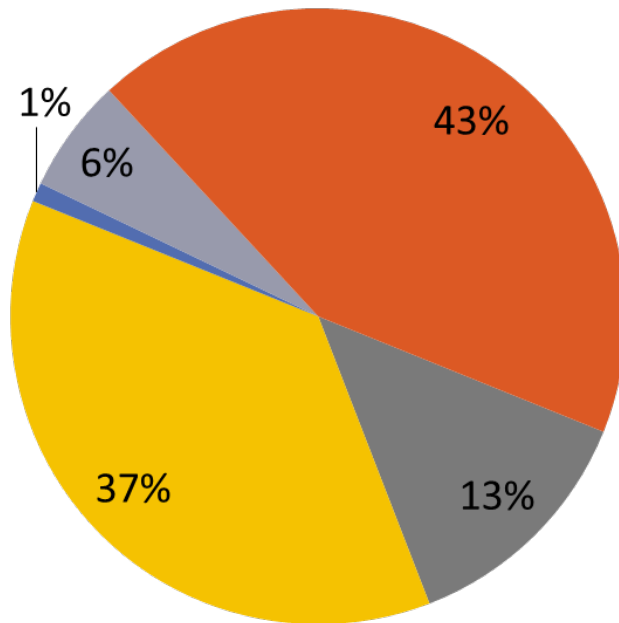




Arctic Maritime Activity - Fishing

2013 Ex-Vessel Value by Major Species (millions)

- Shellfish (\$275)
- Salmon (\$741.2)
- Herring (\$16.6)
- Halibut (\$111.5)
- Groundfish (\$869.3)





Oil and Gas- Polar Pioneer in Unalaska





International Port of Dutch Harbor





Unalaska Island

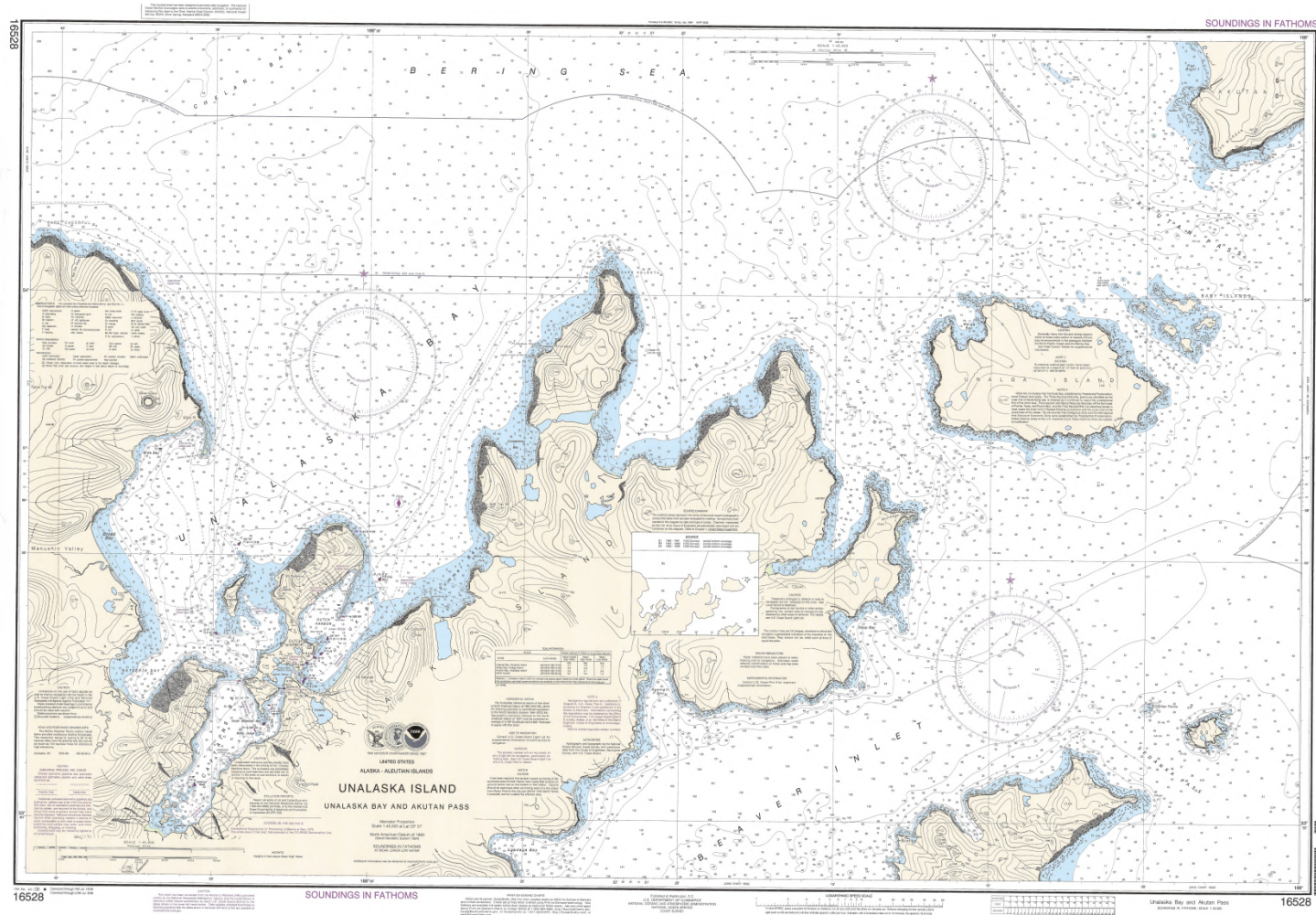


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Unalaska preparations for oil and gas





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Unalaska





Sunrise over Unalaska Marine Center

